Annals of Medical Research

E-ISSN 2636-7688



Volume 28 Number 1 Year 2021 Pages 1-230

www.annalsmedres.org



E-ISSN: 2636-7688

Journal Abbreviation: Ann Med Res

Published quarterly

Web page: https://www.annalsmedres.org

E-mail: dergi@inonu.edu.tr totmdergisi@gmail.com

Formerly Journal of Turgut Ozal Medical Center -ISSN 1300-1744

Owner

On Behalf of Inonu University Faculty of Medicine

Mahmut Durmus

(Dean) Inonu University, Faculty of Medicine, Department of Anesthesiology and Reanimation, Malatya, Turkey

Editor-in-Chief

Mahmut Durmus

Inonu University, Faculty of Medicine, Department of , Anesthesiology and Reanimation, Malatya, Turkey

Co Editors

Murat Kara

Inonu University, Faculty of Medicine, Department of Medical Parasitology, Malatya, Turkey

Editorial Board

Ahmet Sigirci

Inonu University, Faculty of Medicine, Department of Radiology, Malatya, Turkey

Cemşit Karakurt

Inonú University, Faculty of Medicine, Department of Pediatric Cardiology Malatya, Turkey

Hakan Parlakpinar

Inonu University, Faculty of Medicine, Department of Medical Pharmacology, Malatya, Turkey

Nevzat Erdil

Inonu University, Faculty of Medicine, Department of Cardiovascular Surgery, Malatya, Turkey

Tuba Bayindir

Inonu University, Faculty of Medicine, Department of Otorhinolaryngology, Malatya, Turkey

Sertac Usta

Inonu University, Faculty of Medicine, Department of General Surgery, Malatya, Turkey

Bahattin Kerem Aydin

Selcuk University, Faculty of Medicine, Department of Orthopedic Surgery, Konya, Turkey

Burhan Fatih Kocyigit

Gaziantep University, Faculty of Medicine, Department of Physical Medicine and Rehabilitation, Gaziantep, Turkey

Resit Sevimli

Inonu University, Faculty of Medicine, Department of Orthopedic Surgery, Malatya, Turkey

Siho Hidayet

Inonu University, Faculty of Medicine, Department of Cardiology, Malatya, Turkey

Erdem Topal

Inonu University, Faculty of Medicine, Department of Pediatric, Malatya, Turkey

Mustafa Canpolat

Inonu University, Faculty of Medicine, Department of Anatomi, Malatya, Turkey

Halil Ozcan

Ataturk University, Faculty of Medicine, Department of Psychiatry, Erzurum, Turkey

Lut Tamam

Cukurova University, Faculty of Medicine, Department of Psychiatry, Adana, Turkey

Yucel Duman

Inonu University, Faculty of Medicine, Department of Clinic Microbiology, Malatya, Turkey

Ozkan Ozger

Rumeli University, Medicalpark Canakkale Hospital, Department of Neurosurgery, Istanbul, Turkey

Hikmet Aysegul, Taylan Ozkan

Hitit University, Faculty of Medicine, Department of Medical Microbiology, Corum, Turkey

Rizaldi Taslim Pinzon

Universitas Kristen Duta Wacana | UKDW, Department of Neurology, Yogyakarta, Indonesia

Numan Karaarslan

Namik Kemal University Faculty of Medicine, Department of Neurosurgery, Tekirdag, Turkey

Ann Med Res

January 2021 Volume 28/ Number 1 CONTENTS

End		

Baskent University, Faculty of Medicine, Department of Anaesthesiology and Reanimation, Ankara, Turkey

Ayse Seval Ozgu Erdem

Zekai Tahir Burak Woman's Hospital, Department of Gynecology and Obstetrics, Ankara, Turkey

Adel Hamed Elbaih

Suez Canal University Faculty of Medicine, Department of Emergency Medicine, Ismailia, Egypt

Neslihan Yucel

Inonu University, Faculty of Medicine, Department of Emergency Medicine, Malatya, Turkey

Mehmet Kilic

Firat University Faculty of Medicine, Department of Pediatric Immunology and Allergy, Elazig, Turkey

Mehmet Hamamci

Bozok University, Faculty of Medicine, Department of Neurology, Yozgat, Turkey

Caner Fdiz

University of Health Sciences, Sultan Abdulhamid Han Education and Training Hospital, Department of Urology, Istanbul, Turkey

Gokce Simsek

Kirikkale University, Faculty of Medicine, Department of Otorhinolaryngology, Kirikkale, Turkey

Erdogan Selcuk Seber

Namik Kemal University, Faculty of Medicine, Department of Medical Oncology, Tekirdag, Turkey

Language Editors

Murat Kara

Inonu University, Faculty of Medicine, Department of Parasitology, Malatya, Turkey

Tayfun Guldur

Inonu University, Faculty of Medicine, Department of Biochemistry, Malatya, Turkey

Biostatistics Editors

Saim Yologlu

Inonu University, Faculty of Medicine, Department of Biostatistics and Medical Informatics, Malatya, Turkey

Cemil Colak

Inonu University, Faculty of Medicine, Department of Biostatistics and Medical Informatics, Malatya, Turkey

Publishing Desing & Graphics

Ozden Keser & Derya Yilmaz

Original Article

1-4	Characteristics of neuropathic pain in patients with diabetes mellitus Murat Guntel, Esra Dogru Huzmeli, Ismet Melek, Senem Urfali, Boran Urfali, Evrim Arslan, Nilufer Cetisli Korkmaz, Irem Huzmeli
5-11	Anesthetic management of argon laser photocoagulation in patients with premature retinopathy: Single center three-years experience of 178 cases Berna Kaya Ugur, Gulseren Karsli
12-6	Neonatal abstinence syndrome in babies of opioid-addicted mothers and follow-up in the neonatal intensive care unit: A single center experience Beyza Ozcan
17-9	Evaluation of axillary lymph node status after axillary dissection in patients with SLN negative or single SLN positive T1 and T2 breast cancer Yavuz Pirhan
20-4	Evaluation of the relationship between coronary slow flow phenomenon and serum magnesium levels Mustafa Ozturk, Oguzhan Ekrem Turan, Gokhan Ceyhun, Emrah Aksakal, Kayihan Karaman, Oktay Gulcu, Selami Demirelli, Ali Fuat Korkmaz
25-30	The effect of splint use on outcomes in ultrasound guided injection of carpal tunnel syndrome Alper Mengi, Belgin Kara
31-6	The effectiveness of olmesartan on inflammation at cardiopulmonary bypass Ibrahim Murat Ozguler, Latif Ustunel
37-42	The comparison 24-hour bonding performance of novel OrthoMTA and ProRootMTA on root

Ekim Onur Orhan, Ozgur Irmak, Emre Mumcu

Ann Med Res January 2021 Volume 28/ Number 1 CONTENTS

Ann Med Res				
January 2	2021 Volume 28/ Number 1 CONTENTS	90-4	Evaluation of growth after liver transplantation in a group of Turkish pediatric patients Fatma Ilknur Varol, Mukadder Ayse Selimoglu, Sukru Gungor, Sezai Yilmaz	
43-8	Evaluation of knowledge levels and attitudes of pediatricians on traumatic dental injuries Osman Atas, Adem Gok	95-100	Unpredicted respiratory arrest following hypoglossal nerve palsy during subarachnoid hemorrhage: Experimental study Muhammed Enes Aydin, Umit Ali Malcok, Aysel Erdogan, Ozgur Caglar, Mehmet Dumlu Aydin, Canan Atalay, Betul Gundogdu, Ahmet Nezih Kok	
49-54	Vascular mortality rates and effects of hematological inflammatory markers on in-hospital mortality in patients with acute ischemic stroke Muzaffer Gunes	101-5	Prognostic significance of systemic inflammatory markers in rectal cancer Ramazan Sari, Selcuk Kaya, Onder Altin, Sabah Tuzun, Yunus Emre Altuntas, Hasan Fehmi Kucuk	
55-61	The perception of risk related to complications and its relation with metabolic parameters in diabetic individuals Azime Karakoc Kumsar, Feride Taskin Yilmaz, Selda Celik, Elif Bagdemir	106-12	Assessment of pulmonary functions with spirometry method in hepatic impairment patients Sadettin Demirel, Necmiye Funda Coskun, Selim Giray Nak, Fadil Ozyener	
62-6	The role of procalcitonin and C-reactive protein in predicting candidemia in reanimation intensive care unit and burn unit patients Sibel Altunisik Toplu, Yasemin Ersoy, Yucel Duman, Emine Nalan Parmaksiz, Ayse Belin Ozer, Cemal Firat	113-9	Is percutaneous cholecystostomy bridge to cholecystectomy or definite therapy in high- risk patients with severe acute calculous cholecystitis? Tevfik Avci, Hakan Yabanoglu, Huseyin Onur Aydin, Erdal Karagulle, Gokhan Moray, Ali Harman	
67-72	Perceived stress levels in patients in novel corona virus infection pandemic: Prospective single-center study Erdal Tekin, Mustafa Bayraktar, Ibrahim Ozlu, Fatma Kesmez Can	120-4	Stepwise approach to hereditary breast cancer and evaluation of BRCA negative patients Ahmet Cevdet Ceylan, Busranur Cavdarli	
73-7	Importance of hair trace metal analysis after pectus bar implantation Murat Akkus, Yunus Seyrek, Afife Binnaz Yoruc Hazar, Fikrettin Sahin	125-31	Examination of the attitudes of patients in preoperative period toward uncertainty and the factors affecting the uncertainty Altun Baksi, Hasan Genc	
78-84	The preventive effect of sulforaphane on liver injury in a non-heart-beating donor model Mehmet Baykan, Zeki Yilmaz	132-5	Effects of diosmin-hesperidin and low pressure compression stocking combination in superficial venous insufficiency Metin Onur Beyaz, Emin Can Ata	
85-9	Cardiopulmonary resuscitation in parturients: Assessment of anesthesiologists' knowledge Selcan Akesen, Suna Goren	136-9	Patients with unexplained primary infertility have similar uterine and ovarian blood flow parameters compared with fertile cases: A prospective cross-sectional study Running title: unexplained primary infertility and uterine- ovarian blood flow Ayse Nur Aksoy, Gulsah Tanas Sarikas, Elif Guven Gozgec, Ozlem Gunduz	

Ann Med Res

186-92

Nihal Yurteri, Enes Sarigedik

January 2021 Volume 28/ Number 1 CONTENTS

			Tulay Yildirim
140-3	The importance of SUVmax in predicting prognosis of invasive breast carcinoma-no special types Meryem Ilkay Eren Karanis, Mustafa Erol, Yasar Unlu	197-203	Analyses of the relationships among biofilm activity, antibiotic resistance and expressions of SHV, TEM, CTX and Intl in Klebsiella pneumoniae Ridvan Guckan, Cetin Kilinc, Ceren Baskan, Burak Yazgan, Seda Mesci, Tuba Yildirim
144-8	The role of right precordial intrinsicoid deflection time in determining the conversion of Type 2 Brugada ECG pattern to Type 1 Brugada ECG pattern on 12-lead electrocardiogram with ajmaline test Orcun Ciftci, Casit Olgun Celik, Volkan Camkiran, Ilyas Atar, Bulent Ozin	204-9	Causes and treatments of oroantral communications: Experience with 103 cases Burak Cezairli, Fatih Taskesen, Nuray Yilmaz Altintas
149-53	An exploratory public health investigation of the correlation between food allergies and pediatric obesity Verda Tunaligil, Gulsen Meral	210-4	Improved treatment of recurrent aphthous stomatitis with sodium pentaborate pentahydrate (NaB) Ayse Sezim Safak, Fikrettin Sahin
154-8	Evaluation of attitudes and knowledge levels of dental students regarding COVID-19 Ahmet Aras, Zuhal Gorus, Sedef Akyol, Devrim Deniz Uner	215-20	Surgical and clinical management of neutropenic enterocolitis seen in hematological and solid organ malignancies Server Sezgin Uludag, Emre Tunc, Ahmet Necati Sanli, Tugrul Elverdi, Mehmet Velidedeoglu, Osman Simsek, Salih Pekmezci, Abdullah Kagan
159-62	Prevalence and severity of pterygium in Somalian male population: Can Khat consumption have a synergistic effect with ultraviolet radiation?	Case Report	
163-71	Mustafa Kalayci, Ersan Cetinkaya The predictors of 3-month mortality in community-acquired pneumonia Sema Avci, Gokhan Perincek	221-4	Superior mesenteric artery embolectomy and second-look laparoscopy technique in acute mesenteric ischemia: A case report Server Sezgin Uludag, Ahmet Necati Sanli, Ozan Onur Balkanay, Abdullah Kagan Zengin
172-7	Impact of pulmonary rehabilitation program with cycle ergometry in chronic obstructive pulmonary disease Ozlem Altindag, Meral Uyar, Mazlum Serdar Akaltun, Savas Gursoy, Ali Gur	225-8	Coexistence of immune thrombocytopenic purpura and alopecia areata: Possible relationship Dogan Kose, Abdullah Solmaz, Ahmet Guzelcicek, Halil Aslan
	Letter to the Editor		e Editor
178-85	A comparison of inflammatory indicators in twins on the first postnatal day Melek Buyukeren, Hasan Tolga Celik, Umut Ece Arslan, Isil Bilgic, Erdem Fadiloglu, M.Sinan Beksac, Sule Yigit, Murat Yurdakok	229-30	May quinacrine be considered for the treatment of patients with Covid-19? Funda Tamer, Mehmet Eren Yuksel
186-92	Evaluation of the effects of COVID-19 pandemic on sleep habits and quality of life in children		

193-6

Evaluation of the relationship between physical activity level and functional capacity, depression and quality of life in patients with knee osteoarthritis